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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/684,927	10/14/2003	Charles E. Jennings	V2002003	6409

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EXAMINER

ABRAMS, NEIL

ART UNIT PAPER NUMBER

2839

DATE MAILED: 04/27/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/684,927

Applicant(s)

JENNINGS, CHARLES E.

Examiner

Neil Abrams

Art Unit

2839

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 13 March 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-4, 7-11 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 7 is/are allowed.
- 6) ☒ Claim(s) 1, 2, 4, 8, 11 is/are rejected.
- 7) ☒ Claim(s) 3, 9, 10 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

Claims 1, 2, 4, 8, 11 are rejected under 35 U.S.C. 103(a) as being unpatentable over Wilkins in view of Huntsinger.

Wilkins system figs. 1, 17, 18, 10 includes an outer well head 55 with a bore, an inner wellhead member at 50, 30, that lands in the bore, an outer connector 25 in a passage in a sidewall of the outer well head an interior connector 20 in the inner well head having a line 213 leading down hole the connector 20 being extendable to a position in the passage, fig. 18. The use of connectors at 20, 25 for electrical circuits is disclosed, col. 5, lines 64, 65. In such case obvious to form 213 as an electrical line ^{connection to an upper} since that is clear intent. The outer well head end of the well and the use of line 213 for equipment in the well would be only standard use of the system. However, since Wilkins is not clear in this regard note that Huntsinger see fig. 1, and col. 1 discloses a comparable system but with the outer wellhead joined to upper parts 48, 49, 50 and the inner line 52 joined to a pump in the well.

Obvious to so form Wilkins devices since this would be standard manner of used. In Wilkins fig. 18, part 20 is seen to penetrate the bore, and the degree of penetration would be a design matter producing no unobvious result. While above is adequate use of electrical lines also taught by Huntsinger at 52, 81. This further suggests use of Wilkins lines for electrical purposes to power equipment in the well.

For claim 2, part 20 includes a portion at cam surface 204 read as a lateral actuator and part 35 defines an axial actuator. Claim 4 met by motion of part 20. Claim 8 treated as in case of claim 1. Claim 8, 11 steps only defines basic manner of use of the Wilkins device.

Claims 3 and 7 are rejected under 35 U.S.C. 103(a) as being unpatentable over Wilkins in view of Huntsinger, applied as above, and Buresi.

Wilkins cam structures and movable contacts 20 lack inclined profile, axial actuator features. Buresi, figs. 5, 6 discloses contacts with inclined profiles at 20 and axial cam actuators 16 operated by setting member 28 and driven by tool 9 to move the contacts 1 outwardly. It would have been obvious to use such type cams/actuators and inclined surfaces to move contacts located in place of those of Wilkins at figs. 3, 6, 7 at 212, 204, 35, 40^{as this} would enable a more compact system to be used.

Claims 9 and 10 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Cameron applied to show axial cam 38 used to move connector 40.

Applicant's arguments filed with the amendment and pertinent to above rejections have been fully considered but they are not persuasive. Wilkins now applied to show inner connectors movable into passage in outer well head sidewall.

The following is an examiner's statement of reasons for allowance: for claims 3, 7, Buresi discloses cams 16 and inclined surfaces 20 used to actuate connectors 1 outwardly, but is not to outer and inner well heads members of the type recited. To form the Buresi system as such well head members or alternatively to form Wilkins with Buresi type cams and ~~lateral~~^{lateral} actuators would in either case amount to major redesigns of complex systems and would not be obvious.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

As to Wilkens system, claims 3, 7 references to inclined profile and axial actuator that slidably engages the profile defines unobviously over Wilkins use of plural inclined profile parts at 204, 212 and plural axial actuators.

Applicant's ^{amendments to claims} ~~submission of the requirements for the joint research agreement prior art exclusion under 35 U.S.C. 103(e) on ***~~ prompted the new ground(s) of rejection under 37 CFR 1.109(b) presented in this Office action. Accordingly, THIS ACTION IS MADE FINAL. See MPEP § 706.02(I)(3). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication should be directed to Neil Abrams at telephone number (571)272-2089.


NEIL ABRAMS
EXAMINER
ART UNIT 322